

Title (en)  
MASTER PLANOGRAPHIC PRINTING PLATE AND MANUFACTURING METHOD THEREFOR

Title (de)  
FLACHDRUCK-MASTERPLATTE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
PLAQUE D'IMPRESSION PLANOGRAPHIQUE ORIGINALE ET SON PROCÉDÉ DE FABRICATION

Publication  
**EP 2554395 B1 20160427 (EN)**

Application  
**EP 11759263 A 20110315**

Priority  
• JP 2010173189 A 20100730  
• JP 2010073870 A 20100326  
• JP 2011056087 W 20110315

Abstract (en)  
[origin: EP2554395A1] To provide a lithographic printing plate precursor which is excellent in the gum development property, running processing property and scratch resistance and a lithographic printing plate precursor which is good in all performances of the on-press development property, ink receptivity, sensitivity and printing durability, and a method of producing thereof. A lithographic printing plate precursor comprising a support, an image-recording layer containing a radical polymerization initiator and a radical polymerizable compound, and an overcoat layer containing a polymer resin which has a cloud point in an aqueous solution and includes a monomer unit containing at least any of an amino group and an amido bond, in this order.

IPC 8 full level  
**B41C 1/10** (2006.01); **G03F 7/033** (2006.01); **G03F 7/11** (2006.01); **G03F 7/30** (2006.01)

CPC (source: EP US)  
**B41C 1/1016** (2013.01 - EP US); **G03F 7/033** (2013.01 - EP US); **G03F 7/11** (2013.01 - EP US); **G03F 7/3035** (2013.01 - EP US);  
**B41C 2201/02** (2013.01 - EP US); **B41C 2201/04** (2013.01 - EP US); **B41C 2201/10** (2013.01 - EP US); **B41C 2201/14** (2013.01 - EP US);  
**B41C 2210/04** (2013.01 - EP US); **B41C 2210/08** (2013.01 - EP US); **B41C 2210/22** (2013.01 - EP US); **B41C 2210/24** (2013.01 - EP US)

Citation (examination)  
EP 2105799 A1 20090930 - AGFA GRAPHICS NV [BE]

Cited by  
EP2554381A4

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2554395 A1 20130206; EP 2554395 A4 20140416; EP 2554395 B1 20160427**; BR 112012024532 A2 20160906; CN 102821969 A 20121212;  
CN 102821969 B 20141203; JP 2012048192 A 20120308; JP 5593262 B2 20140917; US 2013017485 A1 20130117; US 8828646 B2 20140909;  
WO 2011118457 A1 20110929

DOCDB simple family (application)  
**EP 11759263 A 20110315**; BR 112012024532 A 20110315; CN 201180016323 A 20110315; JP 2011056087 W 20110315;  
JP 2011068469 A 20110325; US 201113637278 A 20110315